

Brunt Ice Shelf

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Brunt Ice Shelf is a flat land of ice in the eastern edge Weddell Sea in west Antarctica. It has been breaking up do to calving-to break up or splinter.

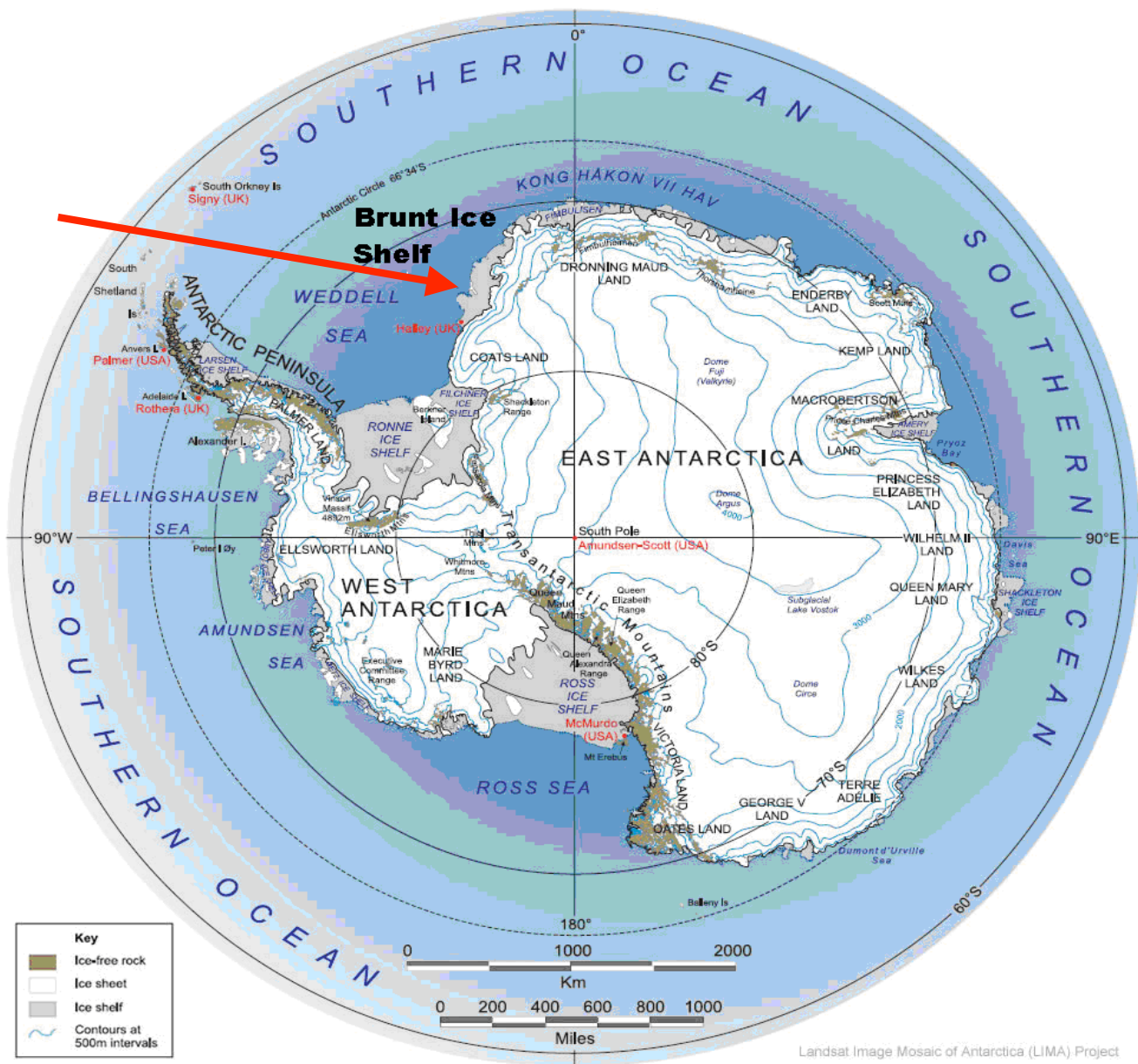
The latitude is -74.8 and longitude is -22.5. It's located in the western edge of the Weddell Sea. They assume that the Brunt Ice Shelf will break up and float out into the Weddell Sea.



We chose this ice feature because it looks very interesting and we think that it would be of good help the Antarctica's researchers. We think it is interesting because it says that it will start to float away because of calving. We also think it is interesting because we think it might be good to see why or exactly when it is going to float away.

An ice shelf is a thick and floating landform of ice that forms when a glacier or ice sheet flows down to a coastline and onto the ocean surface. Ice shelves are found only in Antarctica, Greenland and Canada. The boundary between the floating ice shelf and the grounded ice that feeds it is called the grounding line. When the line retreats inward the water flows into the ocean then the sea level rises.

Our Ice feature should be further investigated because we want to see why this ice feature is going to break off and float into the Weddell Sea. We also want to figure out why all these events of all these glaciers are floating out into the sea and why all the things in Antarctica are happening to the continent.



Landsat Image Mosaic of Antarctica (LIMA) Project